

# भारत का राजपत्र

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नई दिल्ली, शनिवार, मार्च 1, 1969 (फाल्गुन 10, 1890)

No. 9]

NEW DELHI, SATURDAY, MARCH 1, 1969 (PHALGUNA 10, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 1st March 1969

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

10th February 1969

119749. Fabrication Espanola de Colchones Anatomicos Sociedad Anonima. A mattress for clinical and other purposes.  
119750. C. Gupta. Device for producing water mist.  
119751. A. Muthiah and R. Muthiah. Improvements in or relating to containers for packaging and like purposes.  
119752. K. W. Foster. Modular building construction.  
119753. Bristol-Myers Company. Chemical process.  
119754. Ortho Pharmaceutical Corporation. Tablet dispensing device.  
119755. Rohm and Haas Company. Extracting protein from proteinaceous materials.  
119756. Council of Scientific and Industrial Research. Process for the manufacture of calcium silicates.  
119757. C. T. J. Singh. Air horns for motor cars etc.  
119758. The Firestone Tire & Rubber Company. Process and product.  
119759. The Firestone Tire & Rubber Company. Process and product.  
119760. S. T. D. Services Limited. Improvements in and relating to the drawing of sheet metal. (15th February 1968).  
119761. Lansing Bagnall Limited. Improvements in or relating to industrial trucks. (16th February 1968).

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119762. Universal Graders Limited. Improvements in or relating to grading machines. (12th February 1968).  
119763. Societe Des Forges Et Ateliers Du Creusot. Improvements in an installation for preheating pulverulent materials by means of recycle gases.  
119764. Ciba Limited. Process for the manufacture of O-esterified hydroxyacetic acid compounds.  
119765. Ciba Limited. Use of certain ureas for combating weeds.  
119766. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of isoindole derivatives.  
119767. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Silyl ethers of steroids and process for their preparation.  
119768. Takeda Chemical Industries, Ltd. Penicillin preparations.  
119769. The Dow Chemical Company. Alkylation process.  
119770. Glanzstoff A. G. A process for improving the adhesive properties of artificial leather. (21st November 1968).  
119771. Beecham Group Limited. Organic compounds based upon benzoxazocins and intermediates and processes therefor.  
119772. Sandoz Ltd. Improvements in or relating to organic compounds. (12th February 1968).  
119773. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of 14  $\beta$  -hydroxy-3-oxo-5 $\alpha$ -card-20(22)-enolides.  
119774. A. Apparao. Improvements in or relating to folding beds.  
119775. A. Apparao. Improvements in or relating to sofas, beds and like furniture.

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119776. Pilkington Brothers Limited. Improvements in or relating to tongs for suspending glass. [Divisional date 28th June 1967].
119777. Ciba Limited. Process for the manufacture of hydroxyacetic acid compounds.
119778. Montecatini Edison S.p.A. Pesticide compositions suited for being spread from aircrafts.
119779. N. V. Philips Gloeilampenfabrieken. Sucking welding rod for treating micro-semiconductors and applications of said welding rod.  
11th February 1969
119780. Celanese Corporation. Purification of terephthalic acid by thermal treatment.
119781. Deere & Company. Cotton harvester.
119782. Nordmark-Werke GmbH. Process for the production of N<sup>1</sup>-[p-amino benzene sulfonyl]-N<sup>3</sup>-[4, 5-dimethyl oxazolyl-(2)] guanidine.
119783. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of basic oxazine dyestuffs.
119784. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of basic oxazine dyestuffs.
119785. The Jay Engineering Works Ltd. A room cooler or an air conditioner.
119786. Mr. Bankim Chandra Chakravarti, Mr. Robin Chatterjee, Mr. Sadananda Chatterjee and Mr. Shymalendu Paul. A beneficiation cell.
119787. N. P. Industries. Torchlight.
119788. Messerschmitt-Bölkow Gesellschaft Mit Beschränkter Haftung. Improvements in or relating to space vehicle control systems. (24th October 1968).
119789. Union Carbide Canada Limited. Removal of iron from solution. (3rd April 1968).
119790. Union Carbide Corporation. Boron nitride base evaporation vessel having a surface coating of titanium-silicon thereon.
119791. Carding Specialists (Canada) Limited. Improvements in or relating to carding engines. (21st February 1968).
119792. Imperial Chemical Industries Limited. Steam reforming of hydrocarbons. (4th March 1968).
119793. G. K. N. Somerset Wire Limited. Improvements in or relating to electric conductor cables for use in overhead power transmissions.
119794. W. M. Shwayder. Method of disintegrating sintered hard carbide masses.
119795. Societe D'Etudes Scientifiques Et Industrielles De L'Ile-De-France. New dialkylaminoalkyl ethers of 2-alkoxy-3, 5-dihalobenzene and process for the preparation thereof.
119796. Fujisawa Pharmaceutical Co., Ltd. Process for preparing l-alkyl-(or alkenyl)-2-aminoalkylpyrrolidines and intermediates thereof.
119797. Pilkington Brothers Limited. Improvements in or relating to regenerative furnaces. (6th November 1968).
119798. Metrimex Magyar Muszeripari Kulkereskedelmi Vallalat. Composite space-defining structure.
119799. Ampex Corporation. Method and apparatus for recording and reproducing television or other broad band signals with an altered time base effect.
119800. Cardwell Westinghouse Company. Two way automatic brake adjuster.
119801. Snam Progetti S.p.A. Process for the catalytic hydrogenation of hydrocarbons for the production of high viscosity index lubricating oils.
119802. V. B. M. Rao and V. M. Rao Jaganath. Improvements in or relating to auditorium chairs and the like.
119803. K. R. Dholaria. Rama-Krishna automatic control for water cooled diesel engine pump-sets.
119804. K. R. Dholaria. Bhisma automatic control for water cooled diesel engine pump-sets.  
12th February 1969
119805. Council of Scientific and Industrial Research. Improved thin film thickness monitor.
119806. Societe Grenobloise D'Etudes Et D'Applications Hydrauliques (S.O.G.R.E.A.H.). Control system for irrigation canals.
119807. Esso Research and Engineering Company. Oil slick dispersants.
119808. United States Steel Corporation. Pinch roll assembly for a continuous casting machine.
119809. Farbenfabriken Bayer Aktiengesellschaft. Herbicidal compositions.
119810. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions for agricultural and horticultural use.
119811. Parks-Cramer Company. Apparatus and method for detecting and reporting ends down on textile machines.
119812. Ciba Limited. Derivatives of 1-aminoanthraquinone and processes for their manufacture.
119813. British-American Tobacco Company Limited. Improvements relating to register control in multi-colour printing. (20th February 1968).
119814. Foster Grant Co., Inc. Catalytic hydrocracking and desulfurization process.
119815. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Urea derivatives, their manufacture and use as herbicides.
119816. Kyowa Hakko Kogyo Kabushiki Kaisha. A process for preparing enriched rice.
119817. N. V. Philips Gloeilampenfabrieken. Method of and apparatus for manufacturing semiconductor devices with one or more rigid leads, projecting laterally from semiconductor body, and semiconductor devices manufactured by this method.
119818. N. V. Philips Gloeilampenfabrieken. Semiconductor device having one or more semiconductor bodies and rigid leads projecting laterally from such a body.  
13th February 1969
119819. Y. R. Atre and S. D. Patil. Regarding the protection of poly phase induction motors by either putting the modified no-volt coil in the starters or providing additional protective devices like special transformer connected across; or three phase relay connected in series with the no-volt coil of the existing starters.
119820. Mefina S. A. Time fuze for projectiles.
119821. British Insulated Callender's Cables Limited. Improvements in or relating to the L.T. distribution of electricity. (15th February 1968).
119822. Union Carbide Corporation. Dry cell with novel venting means.
119823. Fmc Corporation. Coupling for flanged pipe.
119824. Rhone-Poulenc S.A. Process for the preparation of a new antibiotic and pharmaceutical compositions containing it.
119825. R. M. Gwynn and T. Themy. Laminated metal electrodes and method for producing the same.
119826. Sayaji Mills Ltd. Process for refining of milk clotting enzymes for cheese manufacture.
119827. Ciba Limited. Process for the manufacture of  $\alpha$ -carbonylmethylacetic acid compounds.
119828. The Treadwell Corporation. Process of leaching sulfide-containing materials with hot, strong sulfuric acid. (5th December 1968).

119829. Ciba Limited. Benzospirocycloalkanes, process for their manufacture and compositions containing them.
119830. Sumitomo Chemical Co., Ltd. Reactive yellow monoazo dyes.
119831. N. P. Bharadwaj. Heaters and cookers including the same.
119832. N. V. Paranjape. Cooling or reducing atmospheric temperature in rooms to increase comfort of human occupation. The invention is called "Capillary suction air coolers".

14th February 1968

119833. Rhone-Poulenc S. A. Process for purifying *p*-xylene.
119834. Dr. Med. H. J. Nidecker. Device for the packing and safe transport of flat articles of flexible material.
119835. Universal Oil Products Company. Alkylation-transalkylation process.
119836. Allmanna Svenska Elektriska Aktiebolaget. Contact means for electric circuit breakers.
119837. Allmanna Svenska Elektriska Aktiebolaget. Electric contact means.
119838. Commissariat A L'Energie Atomique. Plugging device for extrusion container. [Addition to No. 1002711.
119839. Societe Des Forges Et Ateliers Du Creusot. System for the introduction of powdery material into an enclosure containing a gas.
119840. The British Petroleum Company Limited. Carbon production. (20th February 1968).
119841. The British Petroleum Company Limited. Grease compositions. (20th February 1968).
119842. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polymers of  $\alpha$ -olefins and process for their manufacture.
119843. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polymers of  $\alpha$ -olefins and process for their manufacture.
119844. Ciba Limited. Process for the manufacture of thiazacyclic hydroxy compounds.
119845. Exchange National Bank as Trustee. Copper-lead alloy.
119846. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the optical brightening of fibrous materials of synthetic polyamides or cellulose esters.
119847. Columbia Broadcasting System, Inc. Method and apparatus for optically recording color picture information on a photographic medium.
119848. Nordmark-Werke Gesellschaft Mit Beschränkter Haftung. Process for the production of 2-sulfanilamido-3-halogeno pyridines.
119849. M. D. Kocherginsky, S. L. Kalachev, L. F. Penkova, V. A. Naumenko and K. N. Gilmanov. An alkaline galvanic cell.
119850. M. D. Kocherginsky, S. L. Kalachev, M. F. Nabiulina, V. A. Naumenko and L. F. Penkova. Alkaline galvanic battery.
119851. Tsentralny Nauchno-Issledovatel'skiy institut Chernoi Metallurgii Imeni I.—P. Bardina. Mould for casting ingots of rectangular cross section in the metal continuous casting process.
119852. Manohar Industries. Irrigation outlet arrangement.
119853. Tokyo Shibaura Electric Company Limited. Semiconductor apparatus and method for manufacturing the same.
119854. A. C. K. Krishnaswami and C. Hariprasad. Improvements in or relating to fermentation of tea leaves. [Addition to No. 112382].

#### Alteration of Date

118485. Ante-dated to 2nd August 1967 under Section 5 of the Act.

119647. Ante-dated to 5th June 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

94697. Societe Des Sucreries Et De Distillerie D'Egypte. Continuous process for the extraction of sugar from sugar cane or its bagasse. Accepted on 5th September, 1966.

*Moving bagasse in horizontal bed through separate treatment stages counter-currently for cutting heating to 65°C, feeding with sugar solution of decreasing concentration, ending with fresh cold water and using drawing solution from one stage to another and dewatering bagasse.*

94864. Council of Scientific and Industrial Research. A process for production of puffed dhal and the like. Accepted on 3rd June 1966.

*Consists in (1) conditioning dhal or similar product by soaking it in water, cooking under pressure and thereafter steaming and (ii) incorporation of porous structure in the dhal by sudden application of vacuum on the conditioned dhal.*

95497. Alfa—Laval AB. Process for collecting and cooling milk in countries with hot climate and apparatus for carrying out the process. Accepted on 14th April, 1966.

*Characterised in that the milk is spontaneously cooled by a closed and known continuous flow cooler with cold water, which is obtained by spraying pieces or fragments of ice which are carried along and conveyed into one compartment of the milk tank and during transportation keeps its temperature by being pumped through a flow cooler and further decreased.*

95994. Vitro Corporation of America. Method and apparatus for subjecting units of materials, such as food products and the like to radiation. Accepted on 8th August 1966.

*Comprising a closed shell, radiation source means, means for defining a plurality of irradiation stations.*

96088. A. E. Staley Manufacturing Company. Process for the production of dextrose solutions. Accepted on 16th December 1966.

*Comprises, prior to conversion with amyloglucosidase, heating the partial hydrolysate to from 90° to 100°C to liquify starch and then heated to at least 125°C for sometime.*

96307. H. E. Bode. Production and use of amyloglucosidase. Accepted on 8th September 1966.

*A carbohydrate medium is fermented with a culture of Aspergillus foetidus selected from the group consisting of Aspergillus foetidus ATCC 14916 and mutants thereof.*

96464. Phillips Petroleum Company. Concentration of solutions by crystallization. Accepted on 11th August 1966.

- Providing a process for concentrating solutions containing a volatile component comprising cooling said solution to form a slurry of crystals in mother liquor and then followed by subsequent steps of operation.*
96579. Hindustan Lever Limited. Process for selectively hydrogenating esters of poly-unsaturated fatty acids. (19th November 1963). Accepted on 11th August 1966.
- Hydrogenation is carried out with a hydrogenation catalyst in the presence of 0.01 to 5% by weight of a non-acidic substance having at least one alcoholic hydroxyl group.*
96807. Massey-Ferguson Inc. Hay Wafering method and apparatus. Accepted on 24th August 1966.
- Wafering hay between the surfaces of a plurality of compression rolls rotatable about spaced axis and the adjacent surface of a mandrel rotatable about an axis substantially equidistantly spaced from the axis of rotation of said rolls.*
97291. J. N. Shah. An improved system of roasting and salting of cashew kernels. Accepted on 16th March 1967.
- Comprises treating the kernels with heat upto 200° to 400°F till the oily substance precipitates, and roasting the kernels in the precipitated oil itself till a shine is detected, allowing them to cool to 180°F and subsequently salting them by soaking them in saline solution for 5 minutes.*
98146. Council of Scientific and Industrial Research. Development of a process for the manufacture of food beverages. Accepted on 16th October 1967.
- Consisting in (i) dispersing in water fine edible flours (ii) partially hydrolysing the obtained emulsion, (iii) after adjusting the pH of the emulsion mixing edible substances and (iv) drying in spray drier or roller drier.*
98360. Hindustan Lever Limited. Process for the dehydration of a foodstuff. (10th March 1964). Accepted on 9th September 1966.
- Food stuff is contacted with a hot gas of high humidity.*
98621. Sun Oil Company. Production of amino acids. Accepted on 3rd April 1967.
- A hydrocarbon is subjected to the action of an amino acid producing strain of microorganism under aerobic condition.*
99052. Hindustan Lever Limited. Hydrogenation. (20th April 1964). Accepted on 3rd July 1968.
- Comprises contacting the oils in the presence of catalyst with hydrogen and this hydrogenation is carried out in two stages.*
110527. Artos Dr. Ing. Meier-Windhorst Kommanditgesellschaft. Process and arrangement for wet treatment especially washing for example moving textile fabric conveyors. Accepted on 4th February 1969.
- Characterised in that the dewatering is carried out in two stages firstly by pre squeezing mainly the external surface liquor and then main squeezing the core liquor.*
110539. Xerox Corporation. A method of and apparatus for electrophoretically forming image patterns. Accepted on 5th February 1969.
- Subjecting a suspension of particles in a carrier liquid to an applied electric field between two electrodes, the particles comprising electrically photosensitive pigment, and exposing the suspension to an image through one of the said electrodes, which is transparent, with a source of electromagnetic radiation.*
110581. R. D. Werner Co., Inc. Ladder constructions. Accepted on 6th February, 1969.
- Includes a ferrule telescoped over the projecting rung end and having pre-formed first annulars backing up the rail against compressive engagement by the second annulars.*
110595. Air Reduction Company. An apparatus for supplying helium. Accepted on 10th February, 1969.
- Comprises a vapourizer connected to a compressor means to supply liquid helium from said vessel to said vaporizer, means to deliver gases helium.*
110596. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of multi-conductor cables. (11th May 1966). Accepted on 10th February, 1969.
- Comprising a storage vessel, circulating system, means for continuously withdrawing sealing material means for regulating temperature cooling means applicator means.*
110629. Air Reduction Company Incorporated. Low temperature regenerator and gas storage and supply system incorporating the same. (10th March 1967). Accepted on 12th February 1969.
- Characterised in that the plurality of packing materials are successively arranged in order of melting point such that fluid entering either end of the regenerator comes into heat exchange in turn with materials of successively higher or lower melting point.*
110772. The Standard Oil Company. Oxydehydrogenation process. (2nd June 1966). Accepted on 11th February, 1969.
- The monoolefin is contacted with molecular oxygens at a temperature of from about 200°C. to about 400°C.*
110909. Rhone-Poulenc S.A. Process for the preparation of polyvinyl formals, polyvinyl formals produced thereby varnish composition comprising them and a process for the protection of a support. Accepted on 11th February 1969.
- By reacting an aqueous solution of formaldehyde and a compound which produces formaldehyde with a polyvinyl alcohol in the presence of a strong acid and a diluent.*
111055. The British Petroleum Company Limited. Improvements relating to the regeneration of a zeolite catalysts. (27th June 1966). Accepted on 11th February 1969.
- Comprising the steps of purging hydrocarbons and hydrogen from the catalyst bed and cooling the catalyst bed to a temperature below 350°F.*
111798. The Dunlop Company Limited. Improvements in pneumatic tyres and apparatus for moulding at least the tread portion thereof. (6th August 1966). Accepted on 3rd February 1969.
- Comprises at least one generally circumferential rib and a generally circumferential groove on at least one side of the rib the rib having a plurality of circumferentially spaced apart transversely-extending slots.*
111817. Sunit Kumar Mukherjee. Improvements in or relating to a closure unit for the maintenance of vacuum or for the hermetic sealing of containers. Accepted on 4th February 1969.
- Characterised in that there is further provided a round piece of a sheet plastic material.*
111818. Sunit Kumar Mukherjee and Dibyendu Narayan Ghosh. Improvements in or relating to dehydration in a double drum drier. Accepted on 4th February 1969.
- Apparatus is provided with an unheated auxiliary roller unit.*
111861. Leeson Corporation. Improvements in or relating to winding machines. Accepted on 7th February 1969.

*Characterised by bobbin diameter sensing means, yarn guide means feed rate adjusting means.*

111867. Combustion Engineering, Inc. Supercritical pressure steam generator. Accepted on 10th February 1969.

*Heat exchange section through which a through-flow of water is established, a mixing zone upstream of said heat exchange section and communicating through conduit means with said heat exchange section, means for withdrawing a portion of the through-flow from a location downstream of said heat exchange section, a centrifugal pump having an impeller located in said conduit means and driving means for rotating the impeller of said centrifugal pump, and means for sensing.*

111869. E. I. du Pont de Nemours and Company. Composition for use in increasing the sugar content of sugar-containing crops. Accepted on 10th February 1969.

*Comprising methyl  $\alpha$ -(1,3,3-trimethylureidoxy) propionate and a carrier.*

111883. Ciba Limited. Anthraquinone dyestuffs, process for their manufacture and material whenever dyed or printed with the same. Accepted on 10th February 1969.

*By acylating an anthraquinone dyestuff, with an acylating agent that containing in addition to the acylating group the residue of a fibre reactive compound.*

111897. The South India Textile Research Association. Improvements in or relating to spindle crowns for high speed spinning. Accepted on 7th February 1969.

*Comprises a fluted top converging portion, a converging neck portion having a lesser cone angle and about four fifth of the total neck length, the remaining length of the neck portion being diverging cone-shaped and a cylindrical base portion.*

111904. The Firestone Tire & Rubber Company. Process for making relatively high molecular weight polymer. Accepted on 10th February 1969.

*Comprises in reacting a relatively in molecular weight polymer of vinylidene monomer in the presence of a strong base with an aliphatic a cycloaliphatic organic compound containing at least one reactive halogen atom.*

112114. Dexion Limited. Improvements relating to connections between structural components. (6th September 1966). Accepted on 10th February 1969.

*Structural component provided with at least one hook member engageable in a hole in a second component for connecting the components together with a locking device rockably mounted on the first component.*

112198. H. F. A. Topse. Process for preparing gas mixtures having high heating value. Accepted on 12th February, 1969.

*By reacting mixtures of hydrocarbons of higher molecular weight than methane in the gaseous phase with steam in the presence of an activator consisting of ammonia, a hydrazine compound or an amine compound or mixtures thereof, preferably ammonia.*

112281. BP Chemicals (U.K.) Limited. Process for the production of lactams. (24th September 1966). Accepted on 11th February 1969.

*Reacting 1,1-peroxydicyclo hexylamine with an alkali metal alkoxide.*

113904. Owens-Illinois, Inc. Composite container. (29th March 1967). Accepted on 10th February 1969.

*Having a bulbously shaped glass envelope for containing the packaged product, a base member of non-frangible material for protecting the glass envelope and maintaining it in upright position.*

114470. Farbenfabriken Bayer Aktiengesellschaft. Agent for the control of phytopathogenic fungi. Accepted on 6th February 1969.

*Contain as active ingredients O-phenyl-S, S-diphenyldithiol-phosphoric acid ester and O-ethyl-O-Cyclohexyl-S-(4-chloro-phenyl) thiolphosphoric acid ester.*

114521. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. After-condensation of polycondensation products. Accepted on 7th February 1969.

*Comprises in subjecting the polycondensation products for at least 30 minutes in electrical high frequency field at a temperature of 10-100°C below their crystallite melting point.*

118485. The Dunlop Company Limited. Improvements in pneumatic tyres and apparatus for moulding at least the tread portion thereof. [Divisional date 2nd August 1967]. Accepted on 3rd February 1969.

*Comprising at least one generally circumferential rib and a generally circumferential groove on at least one side of the rib the rib having a plurality of circumferentially spaced apart transversely extending slots and at least one generally circumferential slot formed therein, generally circumferential slot intersecting some at least of transversely-extending slots and the width of the circumferential slot in the fully inflated and undistorted shape at the ground contacting surface of the rib being substantially smaller than the width of the groove and measuring from 0.75 mm to 2.2 mm measured in the undistorted and fully inflated state of the tyre.*

119647. R. G. DePenning. Photoelectrophoretic imaging composition. [Divisional date 5th May 1967]. Accepted on 5th February, 1969.

*Comprising a suspension of particles in an insulating carrier liquid, the particles comprising an electrically photosensitive pigment which is both the primary electrically photosensitive ingredient and the primary colorant for the particle, the particles including particles of at least two colours.*

#### Patents Sealed

103174, 104430, 104559, 105294, 105296, 105582, 105633, 106688, 106697, 106903, 107031, 107081, 107142, 107369, 107458, 107946, 108116, 108299, 108696, 108759, 108777, 108932, 109033, 109046, 109123, 109422, 110265, 110480, 110601, 110624, 111378, 111481, 112035, 112074, 112144, 112342, 112568, 112589, 113274, 113735, 114456, 114631.

#### Renewal Fees Paid

51455, 51583, 51735, 51736, 51769, 51775, 53933, 54081, 54198, 54206, 54921, 55153, 56139, 56540, 56582, 56726, 56769, 56849, 56850, 56867, 57481, 58901, 59604, 59831, 59835, 59886, 59895, 59899, 63159, 63365, 63423, 63555, 63597, 63649, 63791, 64386, 66745, 66807, 66808, 66810, 66872, 66911, 66952, 66970, 66987, 67002, 67098, 67141, 67184, 67214, 67361, 67404, 67416, 67492, 68839, 70661, 70755, 70773, 70805, 70939, 70948, 71061, 71067, 71084, 71107, 71186, 71190, 71196, 71233, 71240, 71247, 71369, 71453, 72044, 72745, 75096, 75265, 75294, 75295, 75317, 75582, 75714, 75715, 75723, 75806, 75808, 75810, 75825, 75849, 75897, 75964, 75974, 75975, 76031, 76130, 76377, 76413, 77237, 77320, 78038, 79770, 80349, 80734, 80739, 80780, 80815, 80817, 81033, 81034, 81056, 81063, 81129, 81165, 81191, 81211, 81220, 81232, 81279, 81359, 81386, 81402, 81403, 81585, 81605, 81626, 81629, 81634, 81673, 81676, 81732, 81744, 81796, 81929, 81958, 86339, 86406, 86436, 86472, 86526, 86579, 86624, 86631, 86632, 86679, 86729, 86736, 86748, 86755, 86823, 86853, 86883, 86968.

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 97840. 97917. 97918. 97919. 97920. 97974. 97975. 97999.  
 98057. 98102. 98119. 98254. 98263. 98264. 98266. 98294.  
 98395. 98432. 98471. 98474. 98461. 98464. 98548. 98561.  
 98578. 98591. 98590. 98661. 98662. 98672. 98692. 98776.  
 99021. 99055. 99101. 99135. 99203. 99264. 101533. 102501.  
 103470. 103471. 104097. 104100. 104105. 104140. 104148.  
 104188. 104189. 104190. 104191. 104594. 104624. 104804.  
 104850. 104932. 104935. 104936. 104937. 108337.

#### Restoration Proceedings

An order has been made on the 29th January 1969, restoring the patent No. 65608 dated as of the 29th October 1958, granted to Manubhai Mulchand Bhavsar for "hanger for garments or the like."

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 134274. Jal Dev Midha, Qr. No. 37, Type III, Sector 4, Naya Nangal, Distt. Rugar, Punjab, India, an Indian National, "Display device", July 20, 1968.

Class 1. No. 134306. Moradabad General Art Metal Mills, P. B. No. 84, Abdul House, Moradabad, Uttar Pradesh, Registered Partnership firm under the Indian Partnership Act, "Tea set", July 29, 1968.

Class 1. No. 134473. Anant Ram Manocha, Rup Nagar, Delhi-7, Indian National, "Cycle lock", August 28, 1968.

Class 1. No. 134752. Sant Metal Works, Post Box No. 5, Kapurthala (Punjab State) (an Indian Partnership Firm), "Nail", October 26, 1968.

Class 3. No. 134241. Smith & Nephew (India) Ltd., Swami Vivekanand Road, Poisar, Kandivli, Bombay-67, Maharashtra State, a company registered under the Indian Companies Act, "Plastic snap spool for rolling adhesive tape", July 18, 1968.

Class 3. Nos. 134343 and 134344. Kemp Products Limited, a Canadian Company, 1881 Huron Street Box 4154C, London, Ontario, Canada, "A container for liquid made of plastic material", August 5, 1968.

Class 3. Nos. 134573 to 134576. C. J. Industries (I.N.L.), Hampton Court, Wodehouse Road, Bombay-5, Maharashtra State, India, an Indian Partnership Firm, "A handle bar grip", September 23, 1968.

Class 3. No. 134581. C. J. Industries (I.N.L.), Hampton Court, Wodehouse Road, Bombay-5, Maharashtra State, India, an Indian Partnership Firm, "A sleeve", September 25, 1968.

Class 3. Nos. 134582 to 134585. Vithal Chhagan & Sons, Rivex No. 4, Bhaktinagar Station Plot, Rajkot, Gujarat State, India, an Indian Registered Partnership firm, "Clocks", September 25, 1968.

Class 3. No. 134587. Shrikant Jain, Chandmal Srimal and Kanakraj Parekh, all Indian Nationals, 33, Burtolla Street, Calcutta-7, State of West Bengal, India, "Butter dish", September 28, 1968.

Class 3. No. 134680. Vinis Products (an Indian Partnership Firm), 54, Abdul Rehman Street, Bombay 3, (Maharashtra), "Automatic pump", October 22, 1968.

Class 10. Nos. 134279 and 134280. Carona Sahu Co., Private Ltd., An Indian Limited Company, registered under the Indian Companies' Act, 221, Dr. Dadabhoy Naoraji Road, Fort, Bombay-1, Maharashtra, India, "Footwear", July 22, 1968.

Class 10. No. 134281. Carona Sahu Co., Ltd., An Indian Limited Company, Registered under the Indian Companies' Act, 221, Dr. Dadabhoy Naoraji Road, Fort, Bombay-1, Maharashtra, India, "Sole", July 22, 1968.

S. VEDARAMAN,

Controller General of Patents,  
 Designs & Trade Marks.